



SITE NAME:	TRW-Ross Gear Division
SITE NUMBER:	0000005
ADDRESS:	800 Heath Street
CITY:	Lafayette
COUNTY:	Tippecanoe
SCORE:	58.54
SCORE DATE:	December 1990
CONTAMINANT TYPE:	Solvents
MEDIA AFFECTED:	Groundwater
CONTACT PERSON:	Lynette Schrowe at (317) 232-8552
LAST REVISION:	December 2003
SITE PHOTO	

STATUS: In 1984, volatile organic compounds (VOCs) were discovered in the production wells at the well field and at various drinking water taps within approximately two miles of the site. Due to the proximity of the TRW facility to the well field, TRW began an on-site investigation. All underground storage tanks were removed and contaminated soils were treated by a soil vapor extraction system. A total of 1,550 cubic yards of contaminated soil also were removed from the property and properly disposed. TRW detected VOCs in the unconfined aquifer beneath the site, moving with the regional groundwater flow in a southwesterly direction toward the well field. TRW installed an air stripping tower and three (3) groundwater recovery wells to treat the contaminated groundwater, pulling it back toward the site and away from the well field. From 1996 to 1999, all post-closure sampling data collected from the compliance wells demonstrated that no groundwater contamination concentrations had exceeded the 200 parts per billion total VOC action level. Finally, IDEM requested a groundwater model to provide further evidence that the residual contaminant levels on site would not pose a threat to the well field. In July 1999, the final version of the model was submitted for IDEM review. The model found that even under the worst case scenarios, the residual contamination would not impact any of the production wells in the well field. The Declaration of Closure (December 2000) details the decisions made concerning the site. Based upon the extremely low steady state concentrations of VOCs onsite, the samples from the well field as a whole being an order of magnitude less than Maximum Contaminant Levels (MCLs), coupled with the results of the TRW groundwater model study, IDEM has determined that no further remedial actions are warranted at this time.